

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072224AL\  
 Data File : FE049223.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Jul 2024 13:51  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Jul 22 14:15:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 17 14:26:40 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.907 | 2949851    | 19.019 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.04%       |
| 12) S 1-chlorooctadecane (S... | 13.342 | 2249605    | 19.254 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.297  | 2617034    | 17.402 ug/ml |
| 2) T n-Decane (C10)            | 4.546  | 2815521    | 18.229 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.252  | 2838495    | 18.218 ug/ml |
| 4) T n-Dodecane (C12)          | 6.712  | 2821778    | 18.326 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.348  | 2680577    | 18.419 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.540  | 2806403    | 18.491 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.147 | 2861129    | 18.866 ug/ml |
| 8) T n-Octadecane (C18)        | 11.589 | 2883797    | 18.993 ug/ml |
| 10) T n-Eicosane (C20)         | 12.898 | 2761392    | 19.096 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.509 | 2705822    | 19.081 ug/ml |
| 13) T n-Docosane (C22)         | 14.095 | 2709745    | 19.287 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.197 | 2759402    | 19.689 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.216 | 2789961    | 19.897 ug/ml |
| 16) T n-Octacosane (C28)       | 17.165 | 2908969    | 20.783 ug/ml |
| 17) T n-Tricontane (C30)       | 18.052 | 3264836    | 22.381 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.881 | 3390047    | 23.056 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.667 | 3209964    | 21.976 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.407 | 3056673    | 21.204 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.137 | 3049787    | 20.374 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.042 | 2995703    | 19.852 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

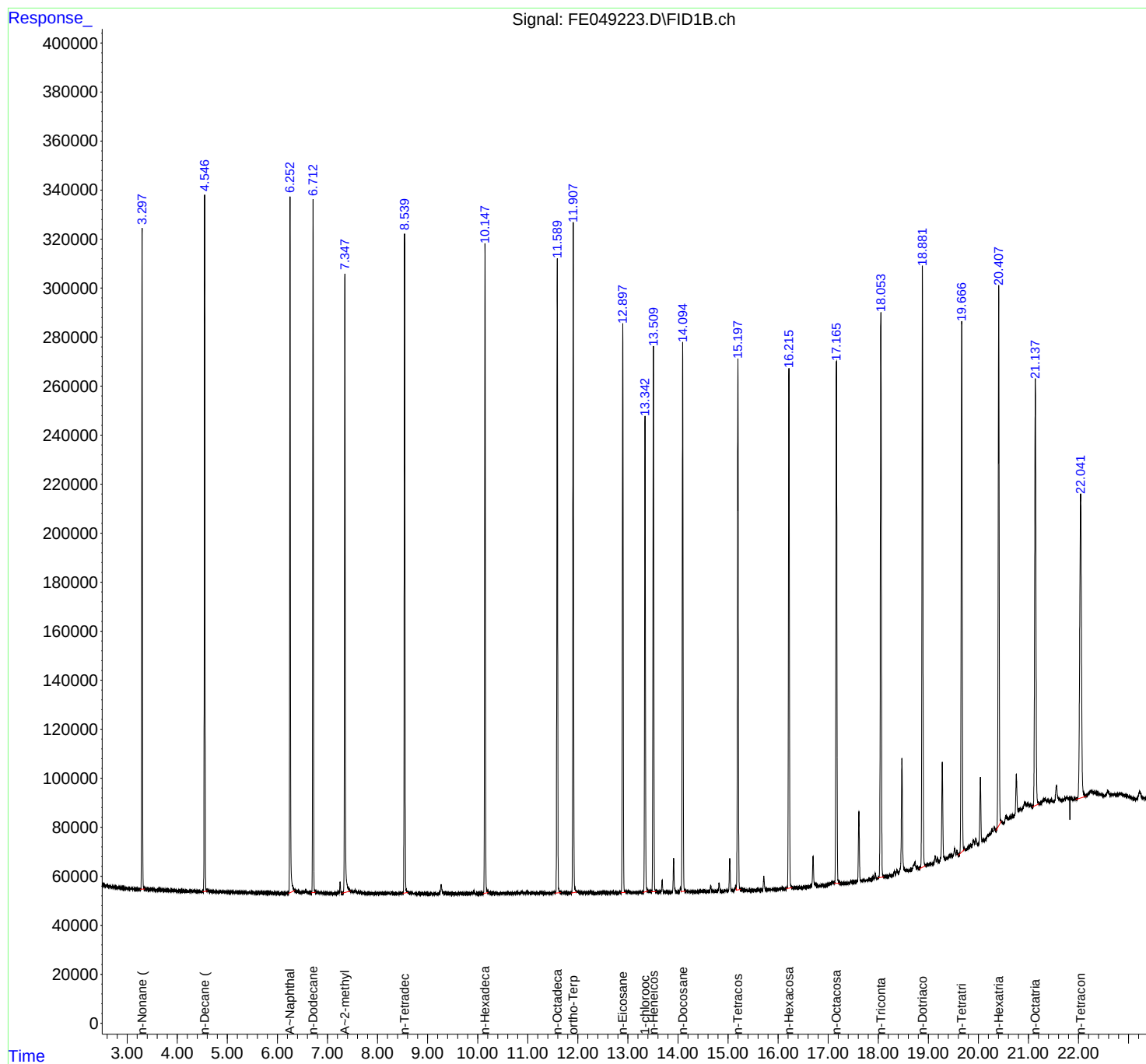
(m)=manual int.

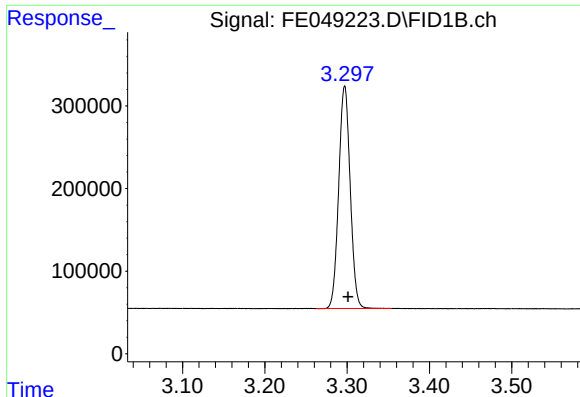
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072224AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

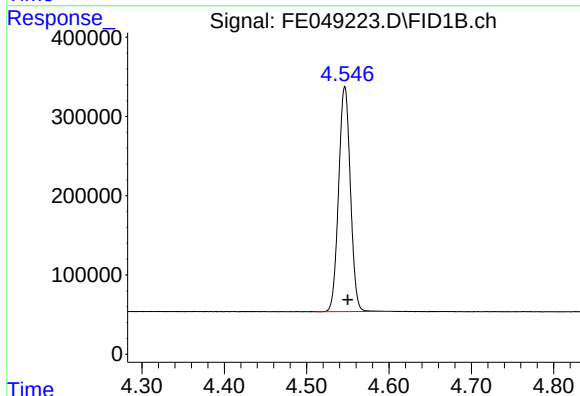




#1 n-Nonane (C9)

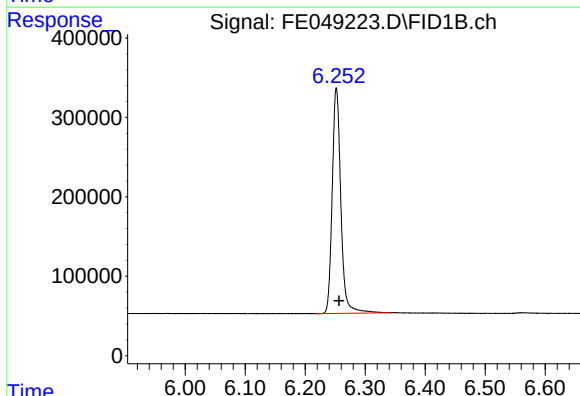
R.T.: 3.297 min  
Delta R.T.: -0.004 min  
Response: 2617034  
Conc: 17.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



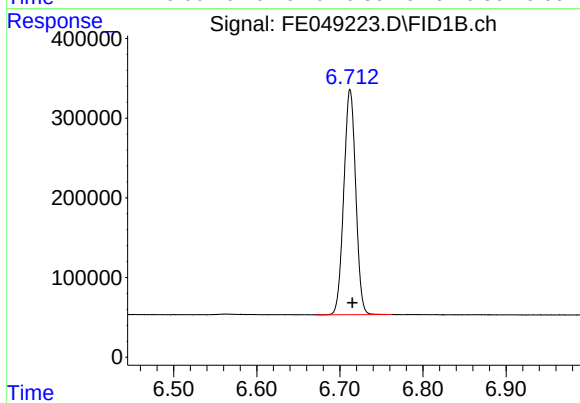
#2 n-Decane (C10)

R.T.: 4.546 min  
Delta R.T.: -0.003 min  
Response: 2815521  
Conc: 18.23 ug/ml



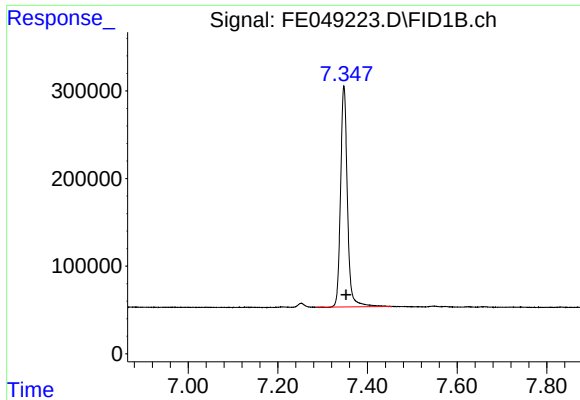
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min  
Delta R.T.: -0.005 min  
Response: 2838495  
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

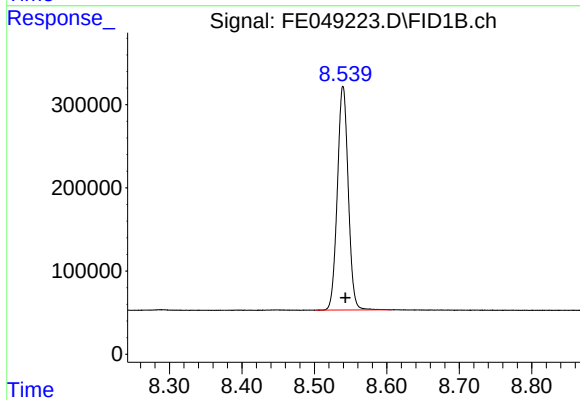
R.T.: 6.712 min  
Delta R.T.: -0.003 min  
Response: 2821778  
Conc: 18.33 ug/ml



#5 A~2-methylnaphthalene (C12.89)

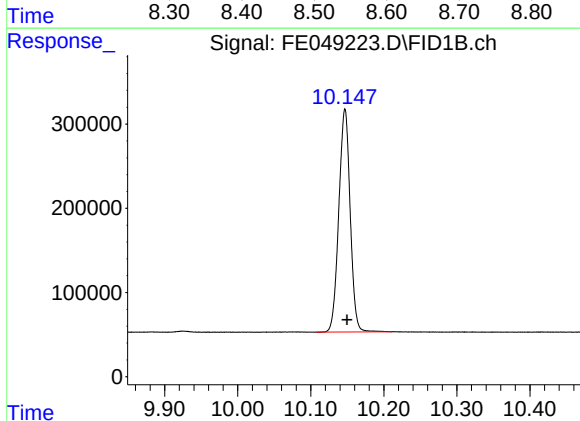
R.T.: 7.348 min  
Delta R.T.: -0.005 min  
Response: 2680577  
Conc: 18.42 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



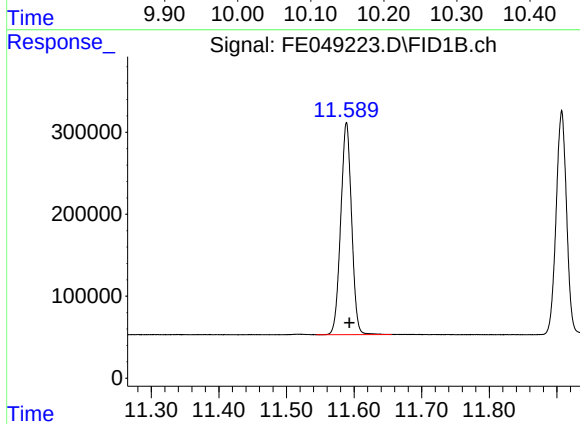
#6 n-Tetradecane (C14)

R.T.: 8.540 min  
Delta R.T.: -0.004 min  
Response: 2806403  
Conc: 18.49 ug/ml



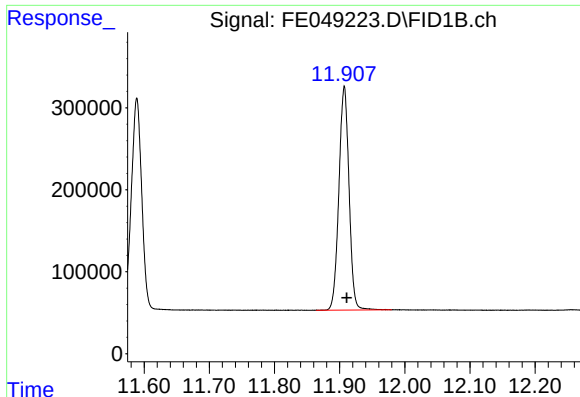
#7 n-Hexadecane (C16)

R.T.: 10.147 min  
Delta R.T.: -0.003 min  
Response: 2861129  
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

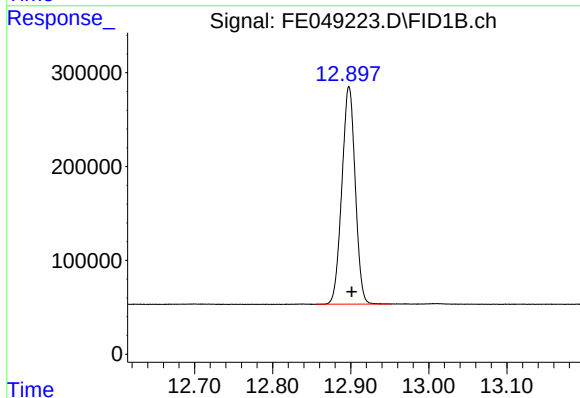
R.T.: 11.589 min  
Delta R.T.: -0.004 min  
Response: 2883797  
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

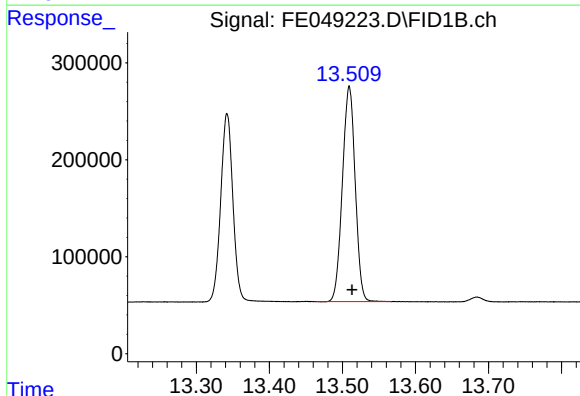
R.T.: 11.907 min  
Delta R.T.: -0.003 min  
Response: 2949851  
Conc: 19.02 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



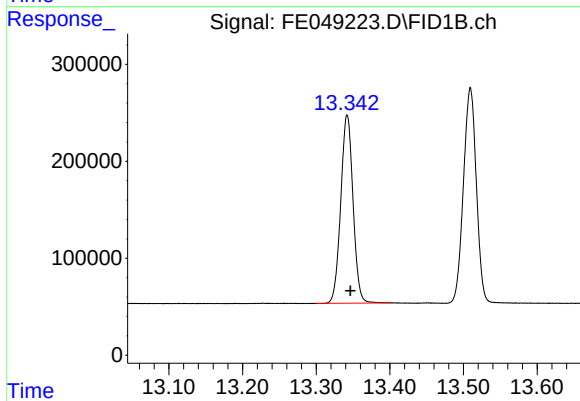
#10 n-Eicosane (C20)

R.T.: 12.898 min  
Delta R.T.: -0.003 min  
Response: 2761392  
Conc: 19.10 ug/ml



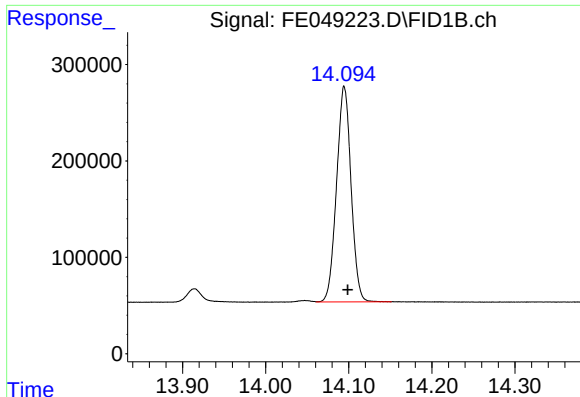
#11 n-Heneicosane (C21)

R.T.: 13.509 min  
Delta R.T.: -0.004 min  
Response: 2705822  
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

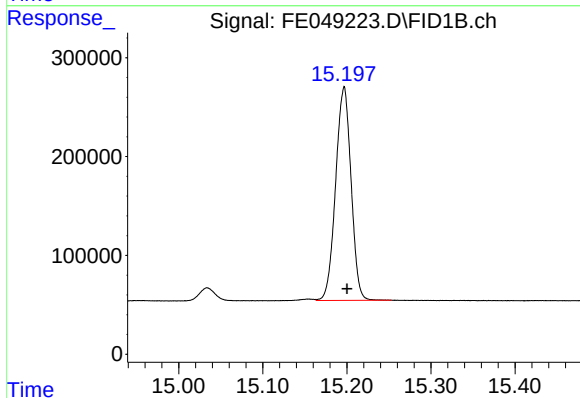
R.T.: 13.342 min  
Delta R.T.: -0.004 min  
Response: 2249605  
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

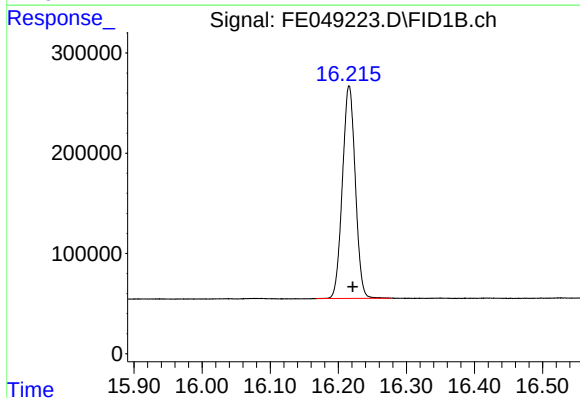
R.T.: 14.095 min  
Delta R.T.: -0.004 min  
Response: 2709745  
Conc: 19.29 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



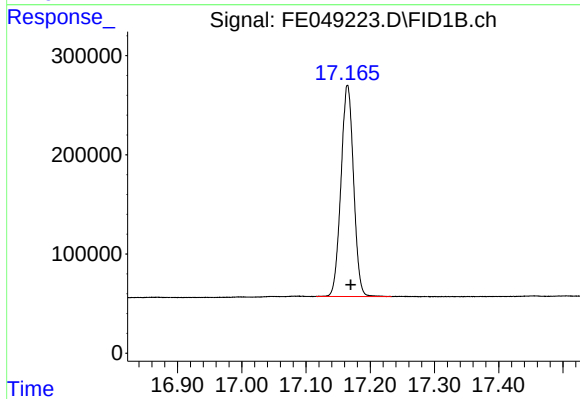
#14 n-Tetracosane (C24)

R.T.: 15.197 min  
Delta R.T.: -0.004 min  
Response: 2759402  
Conc: 19.69 ug/ml



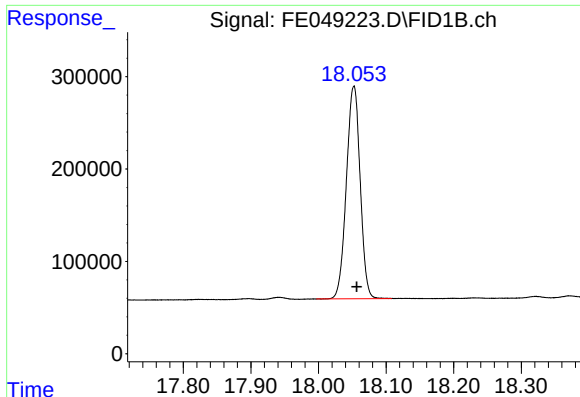
#15 n-Hexacosane (C26)

R.T.: 16.216 min  
Delta R.T.: -0.005 min  
Response: 2789961  
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

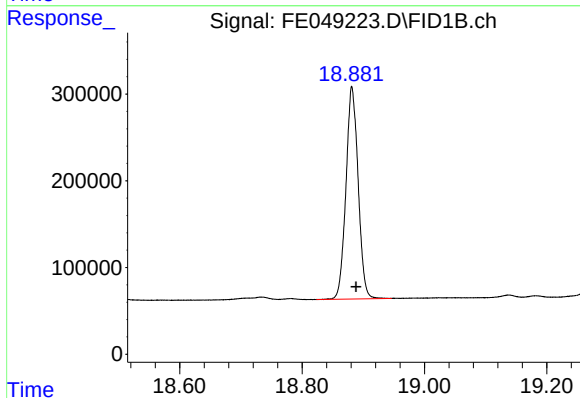
R.T.: 17.165 min  
Delta R.T.: -0.005 min  
Response: 2908969  
Conc: 20.78 ug/ml



#17 n-Tricontane (C30)

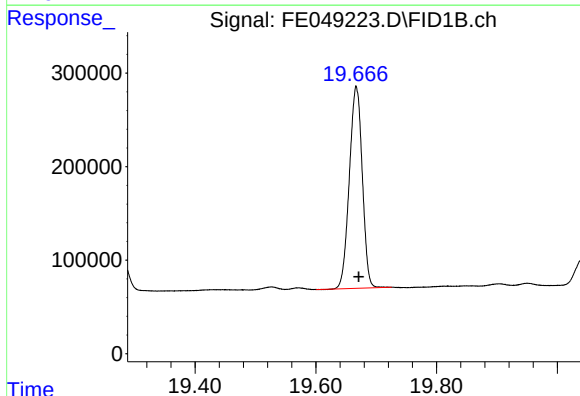
R.T.: 18.052 min  
Delta R.T.: -0.004 min  
Response: 3264836  
Conc: 22.38 ug/ml

Instrument :  
FID\_E  
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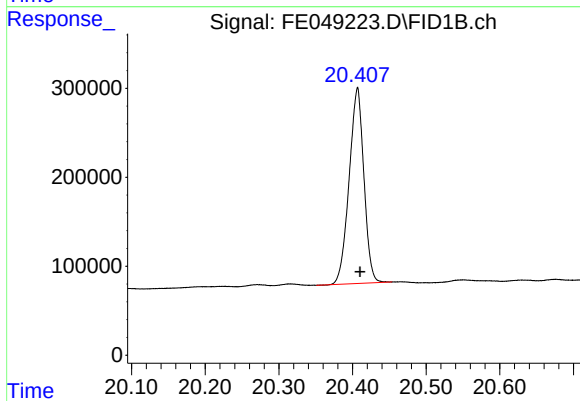
#18 n-Dotriacontane (C32)

R.T.: 18.881 min  
Delta R.T.: -0.007 min  
Response: 3390047  
Conc: 23.06 ug/ml



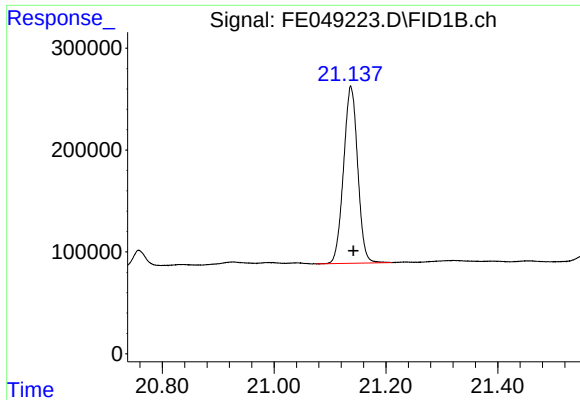
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min  
Delta R.T.: -0.004 min  
Response: 3209964  
Conc: 21.98 ug/ml



#20 n-Hexatriacontane (C36)

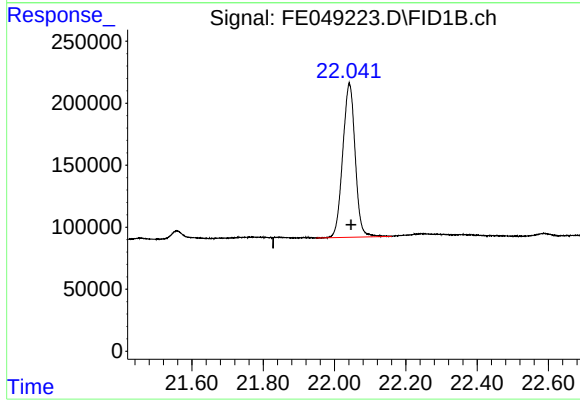
R.T.: 20.407 min  
Delta R.T.: -0.004 min  
Response: 3056673  
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min  
Delta R.T.: -0.005 min  
Response: 3049787  
Conc: 20.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.042 min  
Delta R.T.: -0.005 min  
Response: 2995703  
Conc: 19.85 ug/ml